WUNDERLICH
METAL CEILINGS

and other manufactures in stamped metal

Catalogue – M 99

3-63180
TC 691 WUN

WUNDERLICH
METAL CEILINGS
AND OTHER MANUFACTURES IN STAMPED METAL.

For Beauty, Safety and Permanence, there is no substitute for Wunderlich Metal Ceilings. They are modern in design and function, and are ideal for ceilings to residences and flat buildings as well as to offices, stores and awnings.

Wunderlich Metal Ceilings are easily fixed—even over old and dilapidated ceilings. They cannot crack or fall, and are fire-retardant and vermin-proof. Once erected and painted they require no further attention.

Adherence to the range of patterns illustrated in this Catalogue will result in prompt delivery of requirements, as ample stocks are available at current list prices. Obsolete patterns that are not illustrated in this publication, but are shown in previous Wunderlich Catalogues can still be supplied, subject, however, to an initial charge of from £2 to £3 to cover the cost of special manufacture.

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WUNDERLICH LIMITED

Manufacturers of Building Materials of Quality

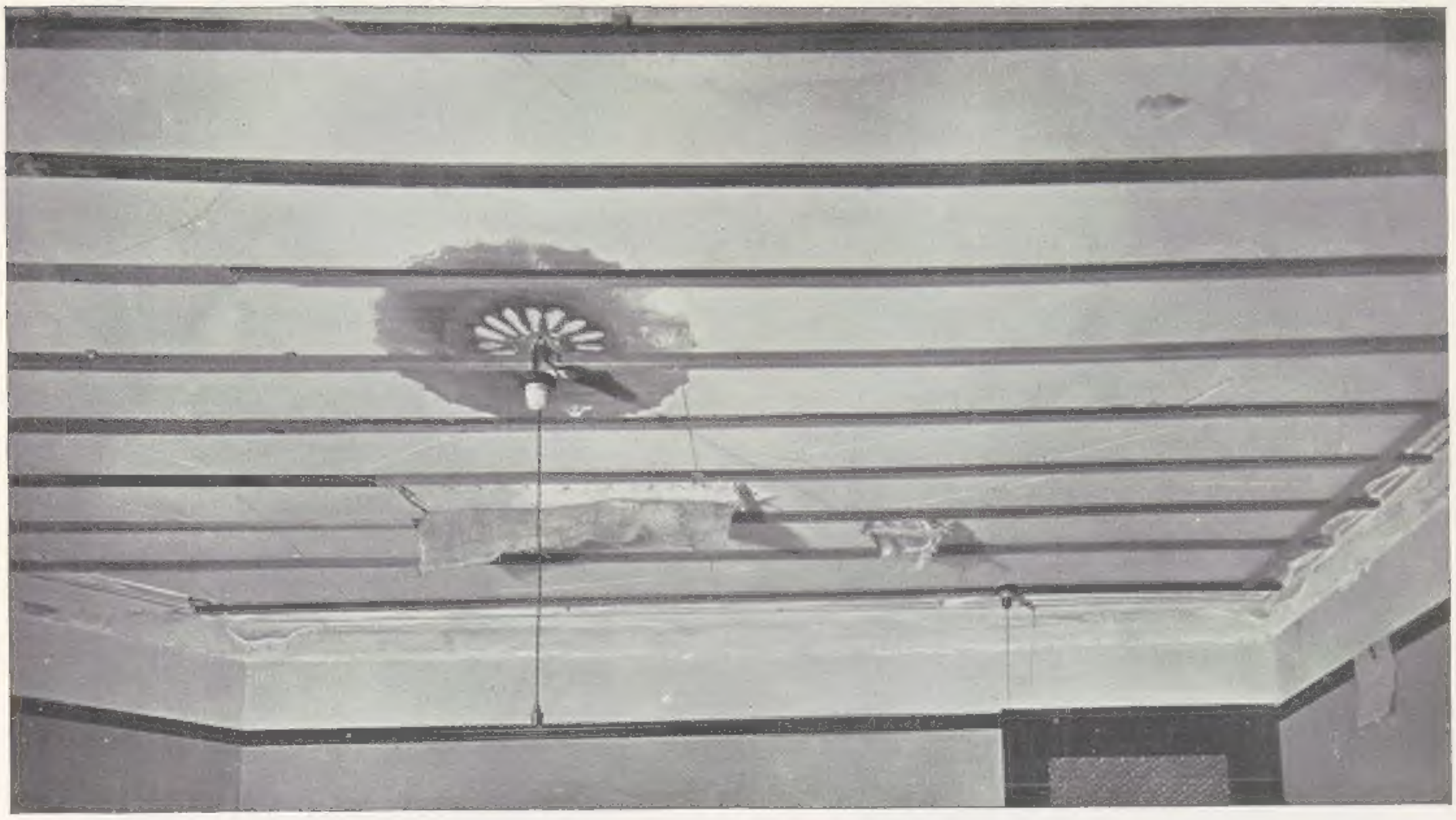
Metal Ceilings, Durabestos (Asbestos-Cement) Flat Wall Sheets and Corrugated Roofing, Terra-Cotta Roofing Tiles, Shopfronts and Show Cases. Arrhitectural Metalwork, Wunderglaze (Electro-Copper) Glazing, Architectural Terra-Cotta, Colortex Bricks and Brickettes, Stoneware Pipes, etc., etc.

SHOWROOMS

SYDNEY
Baptist Street, Redfern
ADELAIDE
Grote and Morphett Streets
PERTH
Lord and Short Streets
NEWCASTLE
King Street (near Watt Street)
STH. MELBOURNE
210 Hanna Street (near Sturt Street)
BRISBANE
Amelia Street, Valley
HOBART
T. & G. Building, Collins and Murray Streets
LAUNCESTON
71 St. John's Street

Catalogue M 99—1/3/1939.

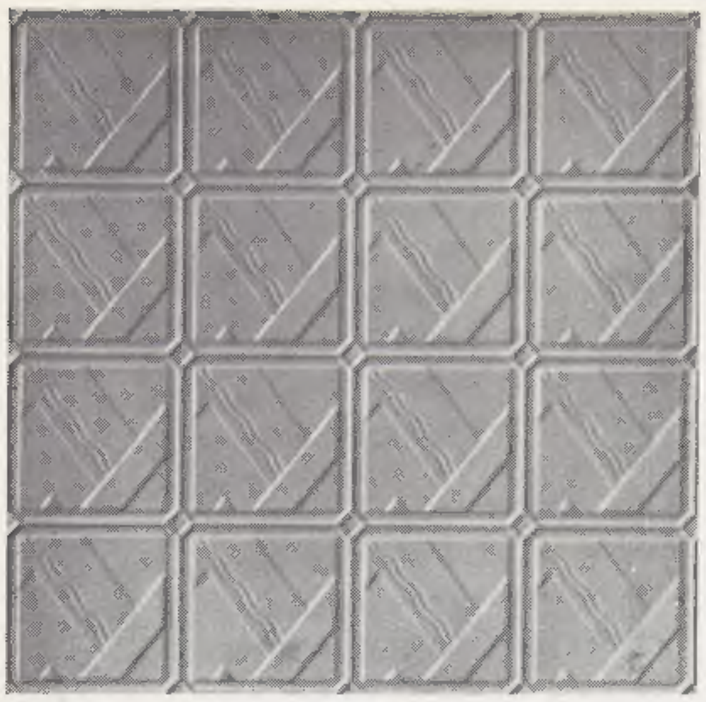
COVER THAT UNSIGHTLY OLD CEILING WITH A BEAUTIFUL, SAFE, PERMANENT WUNDERLICH METAL CEILING



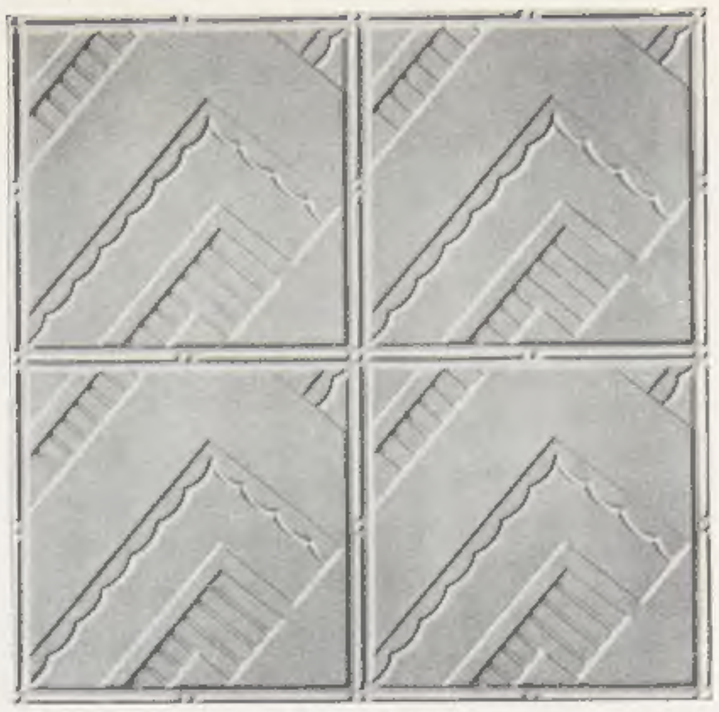
Battens in position preparatory to covering a Damaged Lath and Plaster Ceiling with Wunderlich Metal.

The complete Wunderlich Metal Ceiling—Suite 1623-1624—installed and decorated

CONTEMPORARY ART PATTERNS.



No. 1700*
Registered Design No. 11377.



No. 1702*
Registered Design No. 11377.

No. 1696*
Registered Design No. 11376.

No. 1768*

No 1684*
Registered Design No. 11327.

No. 1778*

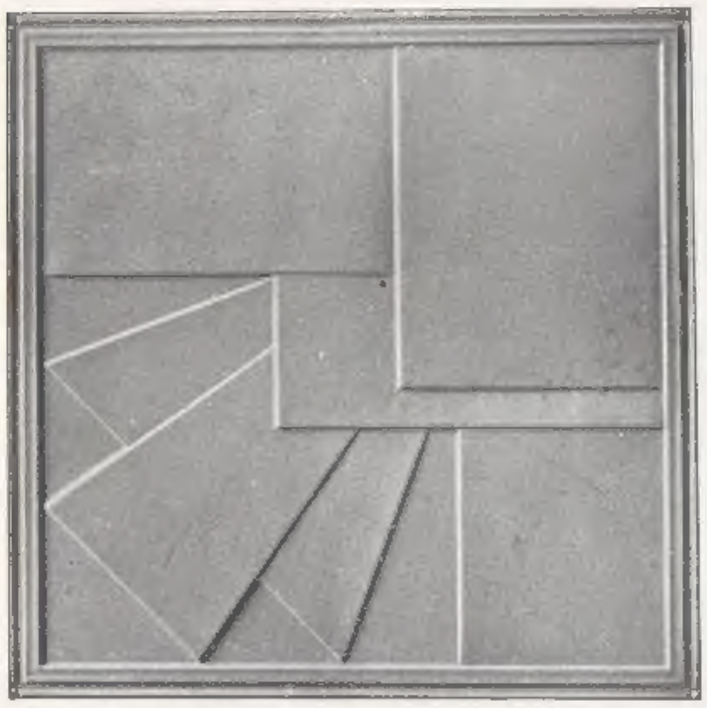
Supplied in Sheets measuring 6ft. x 2ft. Illustrations represent 2ft. x 2ft.
*Stocked also in Galvanised Steel.

Note: Nos. 1684 and 1696 are also available in Steel in sizes of 4ft. x 2 ft. and 2ft. x 2ft., and Nos. 1684, 1700, 1702, 1768 and 1778 in Galvanised Steel in the 4ft. x 2ft. size.

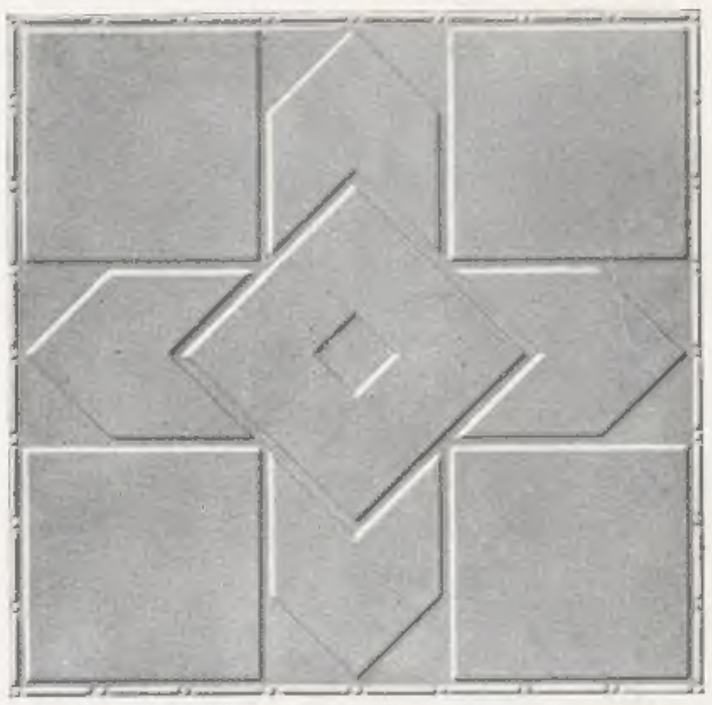
CONTEMPORARY ART PATTERNS.

No. 1705*

No. 1712*

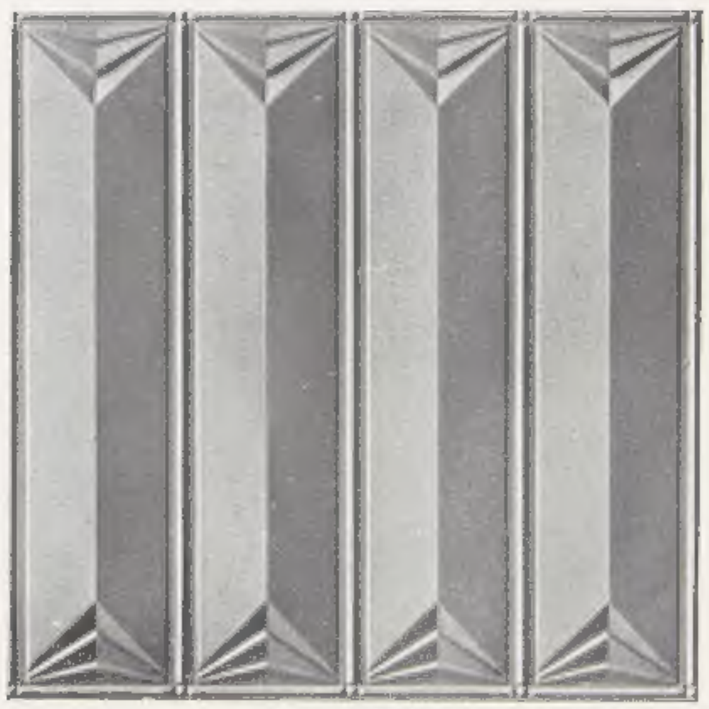


No. 1681*
Registered Design No. 11326.



No. 1762*

No. 1767*



No. 1683*
Registered Design No. 11325.

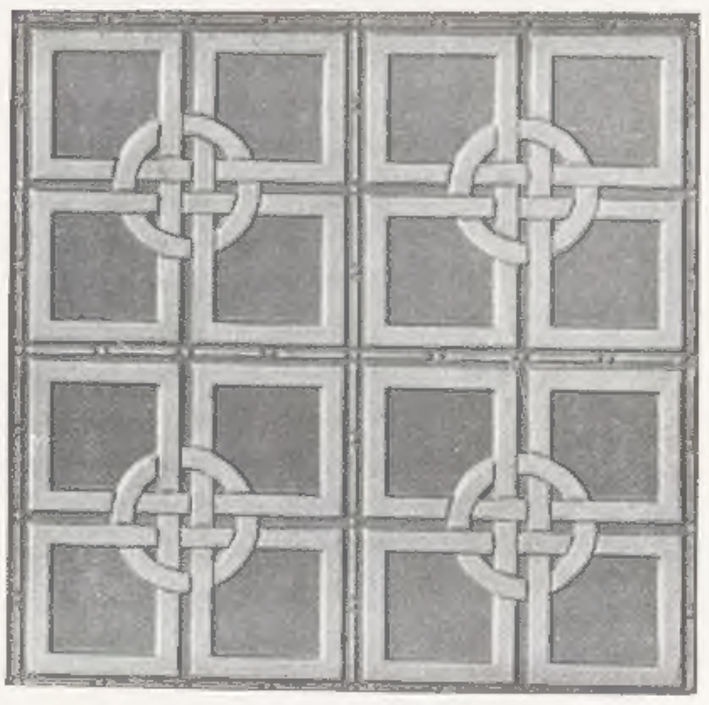
Supplied in sheets measuring 6ft. x 2ft. Illustrations represent 2ft. x 2ft.
*Stocked also in Galvanised Steel.
Note: No. 1681 is also available in both Steel and Galvanised Steel, in 4ft. x 2ft. Sheets.

CONTEMPORARY ART PATTERNS.

No. 1794*

No. 1764

No. 1777*



No. 1630*

No. 1785

No. 1787

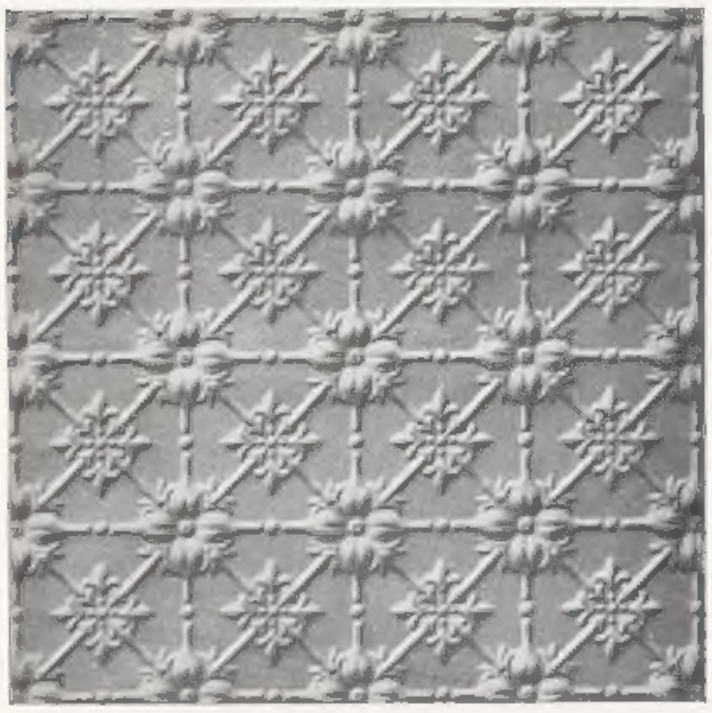
Supplied in sheets measuring 6ft. x 2ft. Illustrations represent 2ft. x 2ft.

*Stocked also in Galvanised Steel.

DIAPERS.

No. 1567*

No. 1588*



No. 171*

No. 1629

No. 1562

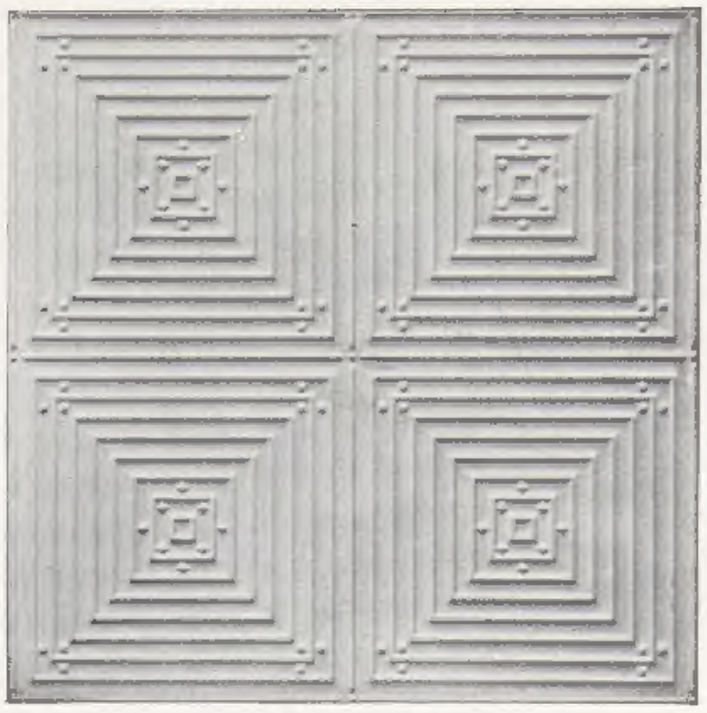
No. 1423

Supplied in sheets measuring 6ft. x 2ft. Illustrations represent 2ft. x 2ft.

*Stocked also in Galvanised Steel.

PANELLINGS.

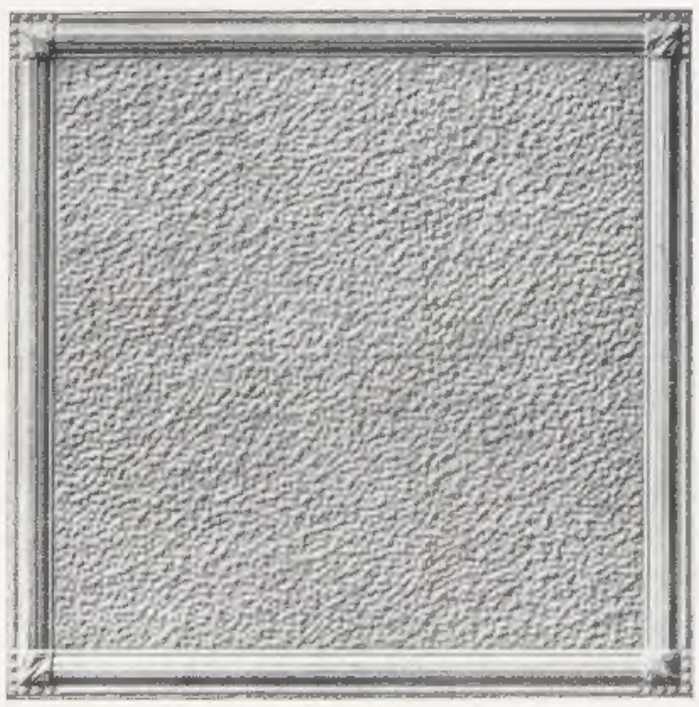
No. 1587



No. 1589*
Patent No. 6569

No. 1673*

No. 1677*



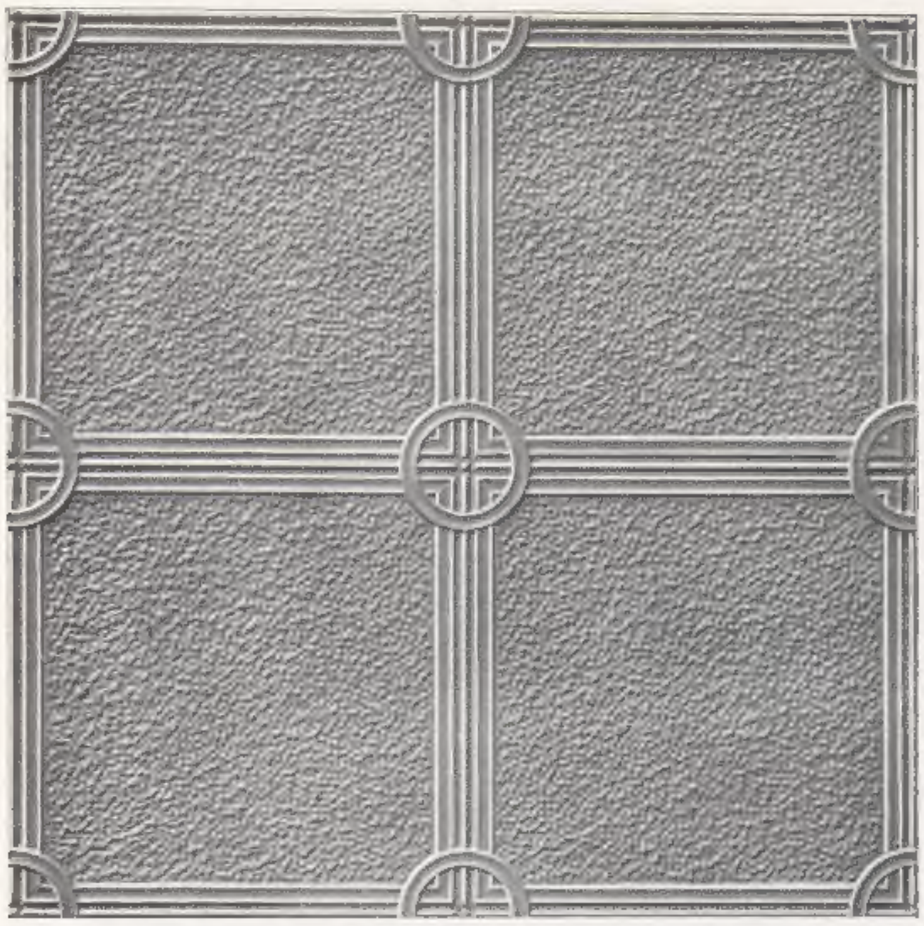
No. 1501*

No. 1578*

Supplied in sheets measuring 6ft. x 2ft. Illustrations represent 2ft. x 2ft.

*Stocked also in Galvanised Steel.

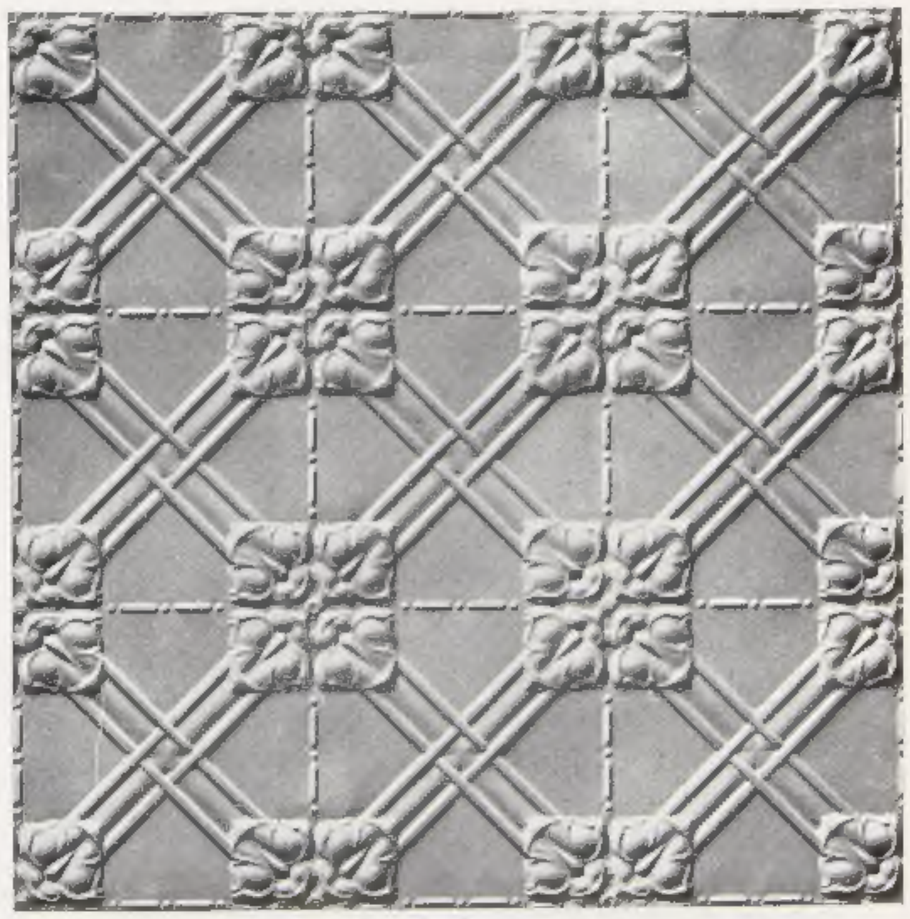
FILLER PANELLINGS



No. 1485*
Supplied in Sheets 6ft. x 3ft.

No. 1491
Supplied in Sheets 6ft. x 3ft.

No. 1640*
Supplied in Panels 3ft. x 3ft.

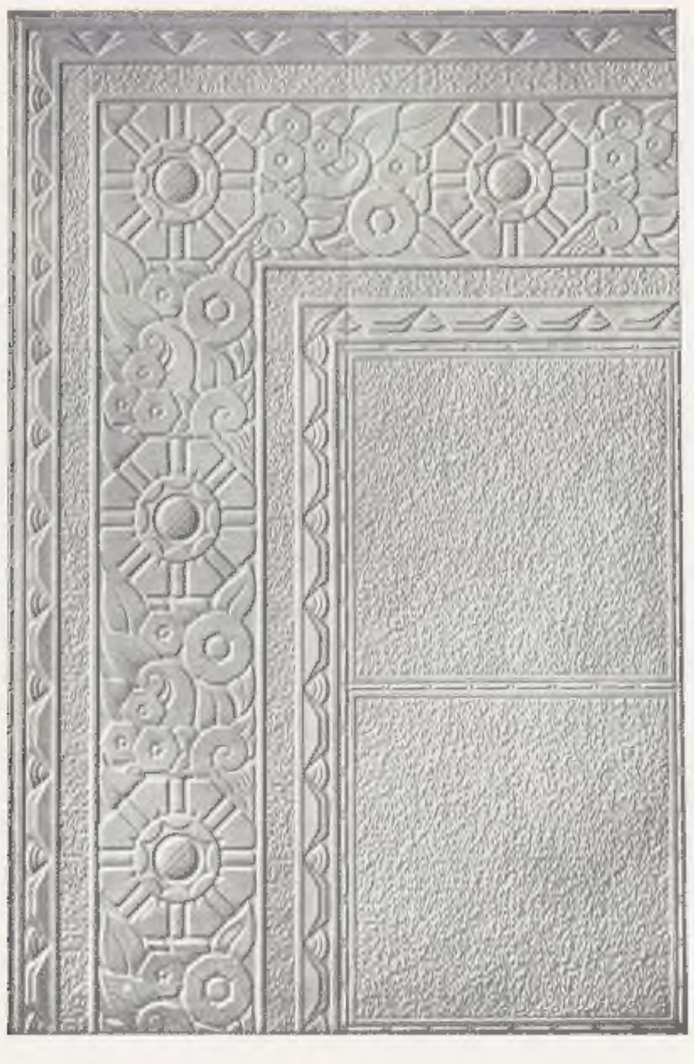


No. 1393
Supplied in Sheets 6ft. x 3ft.

The illustrations represent 3ft. x 3ft.

*Stocked also in Galvanised Steel.

MOULDED DESIGNS.



No. 1774—Corner Panel, 2ft. x 2ft.
No. 1775—Border Panelling, 6ft. x 2ft., 4ft. x 2ft., and 2ft. x 2ft.
No. 1578—Filler Sheeting, 6ft. x 2ft.

No. 1718—Corner Panel, 2ft. x 2ft.
No. 1719—Border Panelling, 6ft. x 2ft. and 2ft. x 2ft.
No. 1578—Filler Sheeting, 6ft. x 2ft.

No. 1623—Corner Panel, 2ft. x 2ft.
No. 1624—Border Panelling, 6ft. x 2ft., 4ft. x 2ft., and 2ft. x 2ft.
No. 1578—Filler Sheeting, 6ft. x 2ft.

No. 1560—Border Panelling, 6ft. x 2ft. and 2ft. x 2ft.
No. 1561—Corner Panel, 2ft. x 2ft.
No. 1501—Filler Panelling, 6ft. x 2ft.

Illustrations represent portions of complete ceilings, 6ft. x 4ft.

Note: All four designs are available in both Steel and Galvanised Steel.

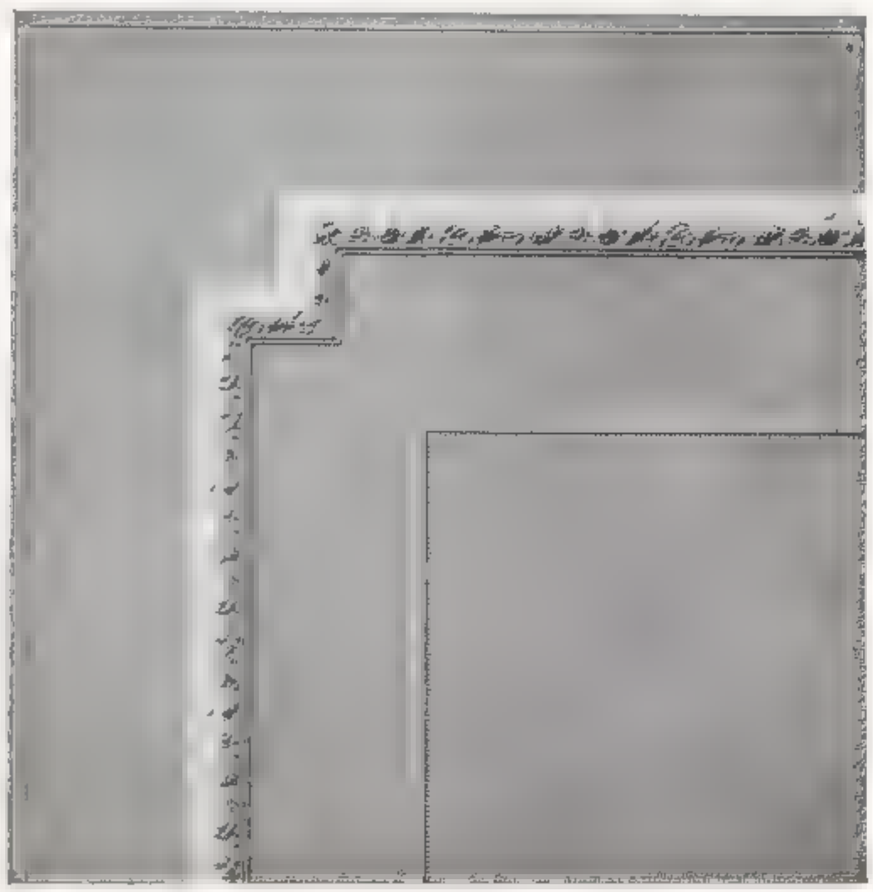
MOULDED AND ADAM TYPE DESIGNS

No. 1584.—Filler Sheeting, 6ft. x 3ft.
No. 1596.—Corner Panel, 2ft 10½in. x 2ft. 10½in.
No. 1597.—Border Sheeting, 3ft. x 2ft. 10½in.

No. 1456.—Corner Panel, 3ft. x 3ft.
No. 1457.—Border Panel, 3ft. x 3ft.
No. 1458.—Filler Panel, 3ft. x 3ft.
Also available is a similar suite of Floral Design. Nos. 1435, 1436, 1437.

No. 1593.—Corner Panel, 2ft. 10in. x 2ft. 10in.
No. 1594.—Border Sheeting, 6ft. x 2ft. 10in.
No. 1595.—Centre Panel, 3ft. x 3ft.

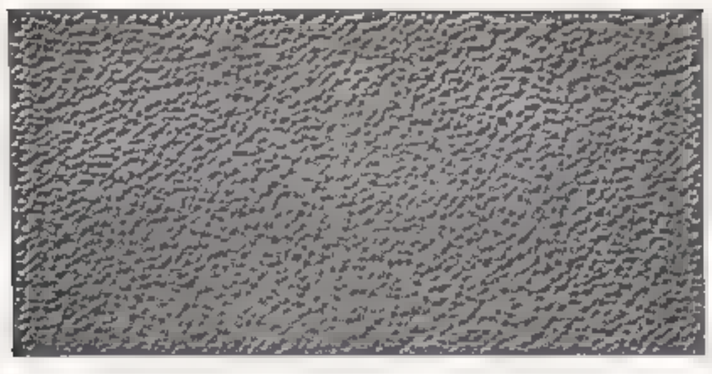
Note.—This Ceiling is suitable for rooms of a minimum size of 14ft x 14ft.



No. 1582.—Corner Panel, 2ft. 10in. x 2ft. 10in.
No. 1583.—Border Sheeting, 6ft. x 2ft. 10in.
No. 1584.—Filler Sheeting, 6ft. x 3ft.

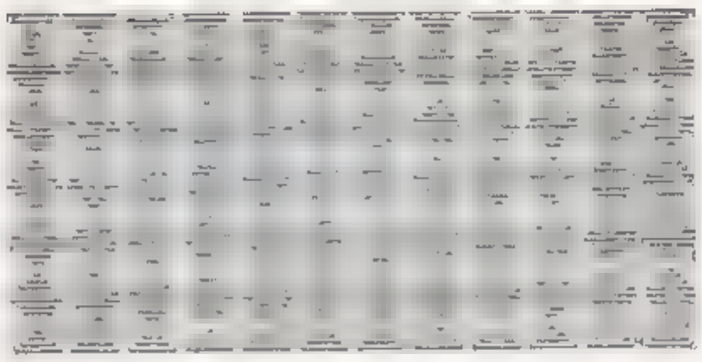
Illustrations represent portions of complete Ceilings, 6ft. x 6ft.

BORDERS.



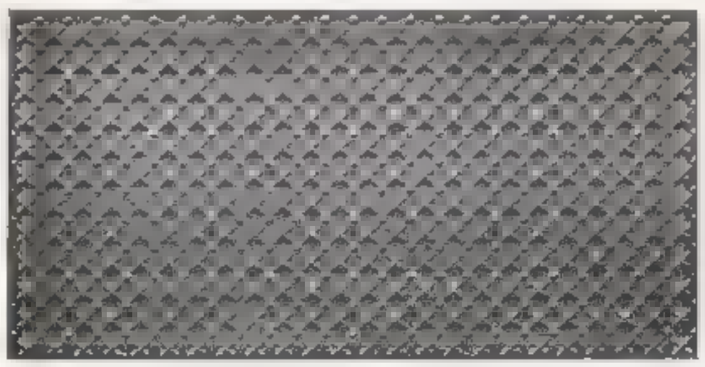
No. 1406*

No. 1616*



No. 1538* Patent No. 6569

No. 172*



No. 1387

No. 464

The Stock Sizes of Borders, No. 1616 and No. 1538, is 6ft. x 3ft. wide and 6ft. x 2ft. wide, whilst that of the other designs is 6ft. x 2ft. wide. All may be obtained to order in any narrower width.

Design No. 1406 is supplied with a bead along one edge. The illustrations represent 2ft. x 1ft

*Stocked also in Galvanised Steel.

COMBINATION BORDER AND MOULDING.

No. 1508*—Stock widths, 9in., 12in., 15in., 18in. and 24in.

No. 1680*—Stock widths, 9in., 12in., 15in., 18in. and 24in.

Combination Border and Moulding such as No. 1508 and No. 1680 are more economical in use than separate units of Border and Moulding.

All Patterns illustrated above are supplied in 6ft. lengths.

*Stocked also in Galvanised Steel.

SOFFITS

The illustrations below are of stock patterns of beam Soffits. These Soffits are supplied with loose stiles (with the exception of **No. 1753**) thus enabling them to be employed as a treatment to beams varying in width from 6ins. to 18ins. Border Fillings are used for the fascia (or sides) of the beams. (See page 12.) Of these **No. 1406** is the most suitable. **No. 1406** together with stile **No. 1507** or the stile of **No. 1346** (known as **No. 1334**), can also be used as complete treatments for beam soffits of practically any width.

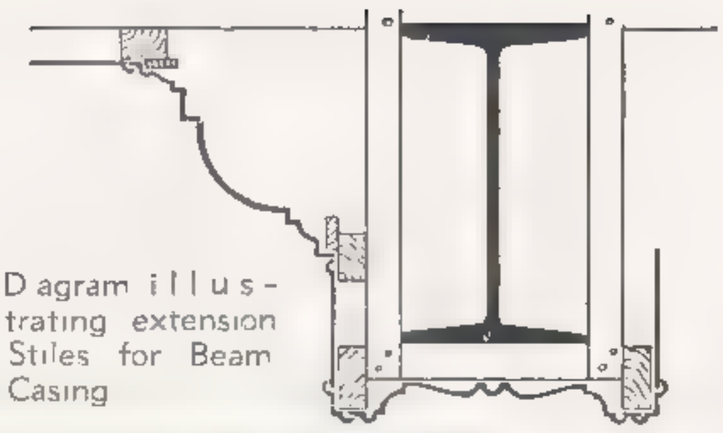


Diagram illustrating extension Stiles for Beam Casing

No. 1507
Soffit Stile.

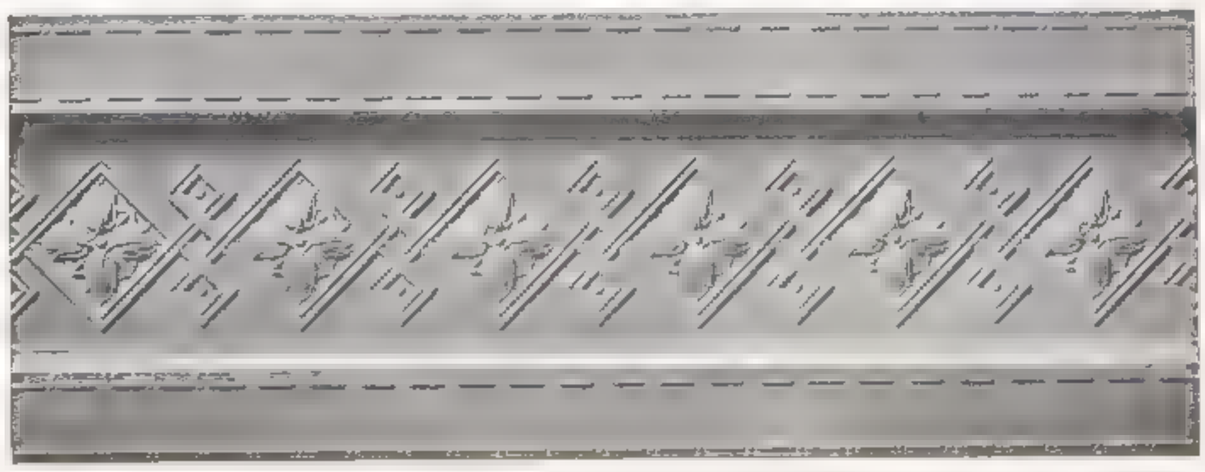
No. 1753
14in. to 18in wide.

No. 1771
10in. to 13in. wide

No. 1770
13in. to 18in. wide

No. 1346
14in. to 18.n. wide.

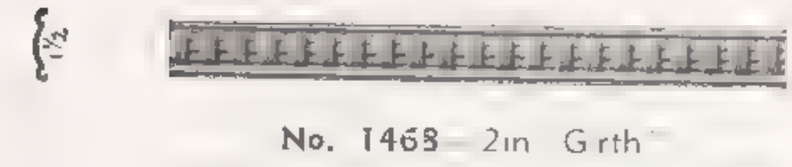
Also **No. 1347** (same design), 10 n. to 14in. wide



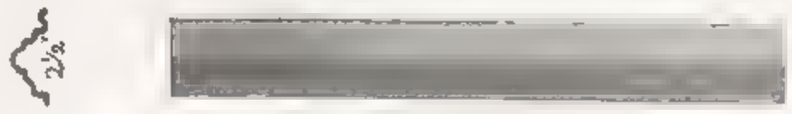
The above Soffits and Stiles are supplied in 6ft. lengths.

MOULDINGS

No. 201—2¾in. Girth*.



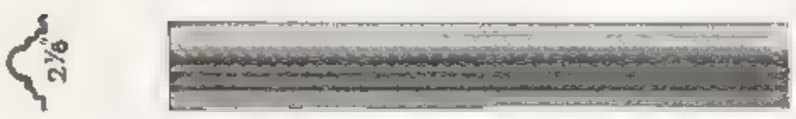
No. 1468—2in. Girth*.



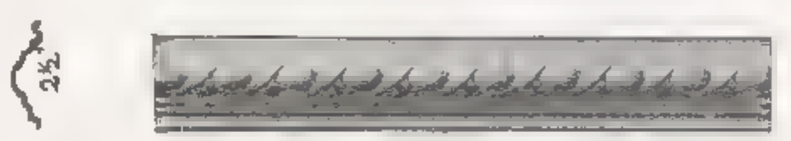
No. 204—4in. Girth*.

No. 1146—3¼in. Girth*.

No. 1493—2¼in. Girth*.



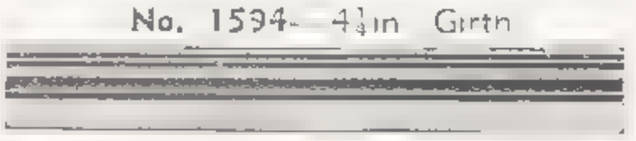
No. 206—4in. Girth*.



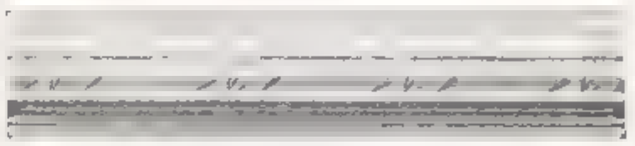
No. 499—4in. Girth*.

No. 205—3½in. Girth*.

No. 1594—4¼in. Girth*.

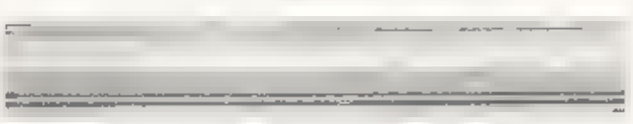


No. 517—4in. Girth*.

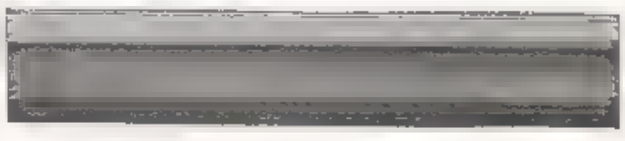


No. 1710—4in. Girth*.

No. 1783—3in. Girth*.



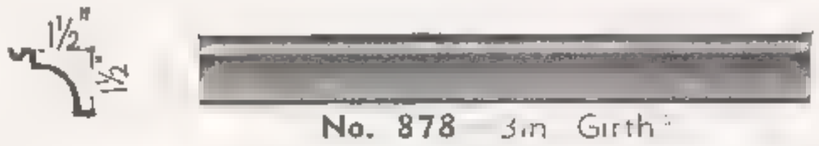
No. 1784—4in. Girth*.



No. 654—5in. Girth*.

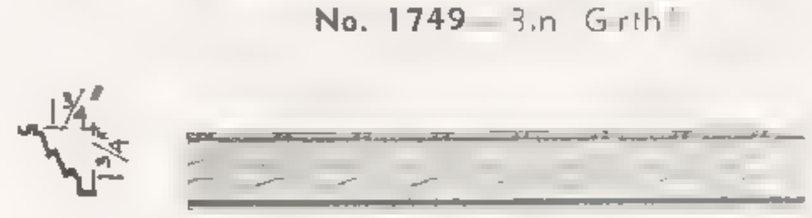
Supplied in lengths of 6ft. Bosses are used for the mitres of these mouldings
*Stocked also in Galvanised Steel.

ENRICHED STEEL CORNICES

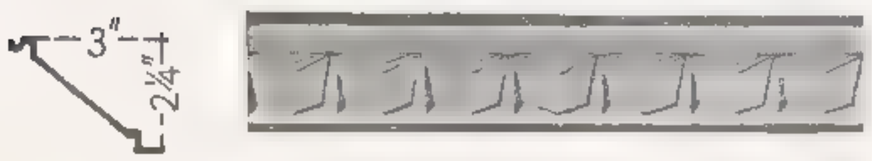


No. 878—3in. Girth*.

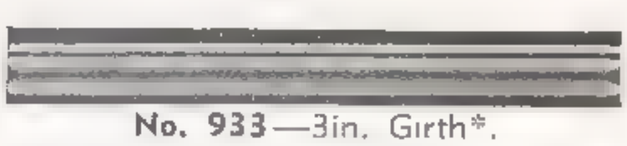
No. 1749—3in. Girth*.



No. 1786—3in. Girth*.



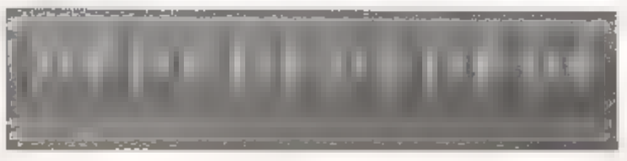
No. 1708—5in. Girth*.



No. 933—3in. Girth*.

No. 1751—5¾in. Girth*.

No. 1685—6½in. Girth*.



No. 1076—5in. Girth*.

Cornices are supplied in 6 feet lengths. Steel leaves are used for covering the mitre joints.
*Stocked also in Galvanised Steel.

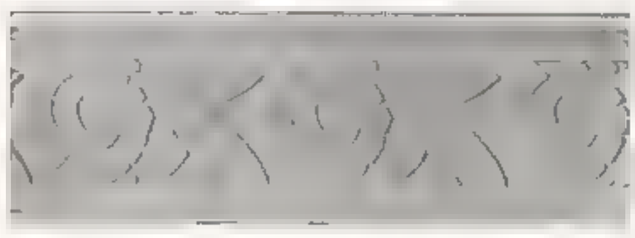
ENRICHED STEEL CORNICES

No. 1755 5in Girth*

No. 1756 6in Girth*

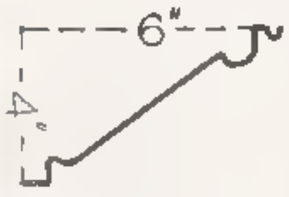
No. 1701—8in Girth*.

No. 1748 9in Girth

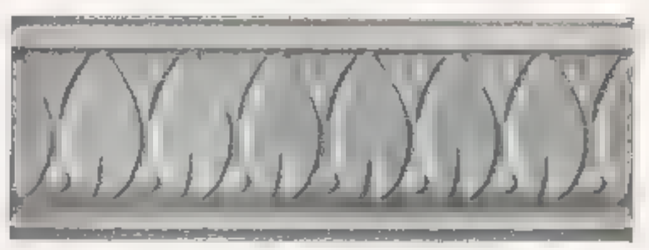


No. 1757—7½in. Girth*

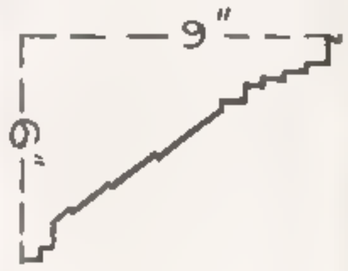
No. 1750—8¾in. Girth*.



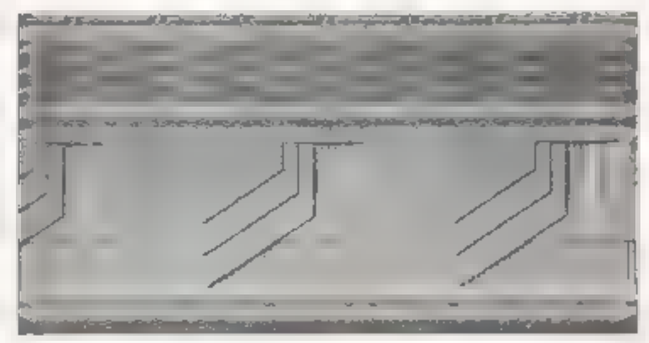
No. 1563—8½in Girth*



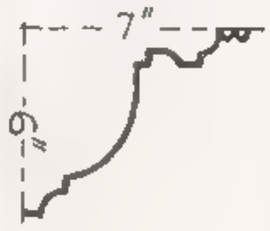
No. 1625—8½in Girth*.



No. 1779—8in Girth*



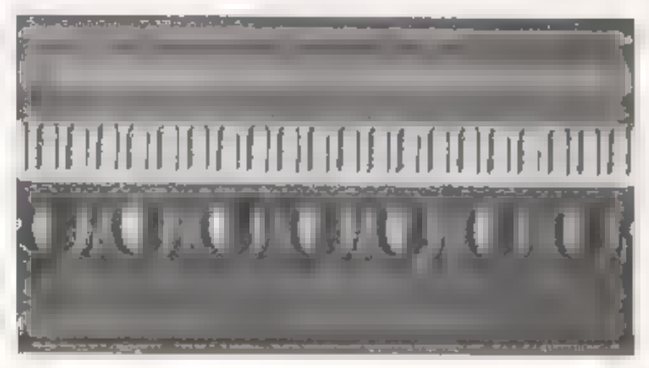
No. 1781—14in. Girth.



No. 1780 9in Girt

No. 1454—11½in. Girth

No. 1111—9in. Girth.



No. 1391—16½in. Girth.

Cornices are supplied in 6 feet lengths. Steel leaves are used for covering the mitre joints.

*Stocked also in Galvanised Steel

GALVANISED AWNING FASCIAS

No. 1776.—Cornice and Cover.

No. 1745.—Cornice and Cover.

No. 1644.—Cornice and Cover.

No. 1729.—Cornice and Cover

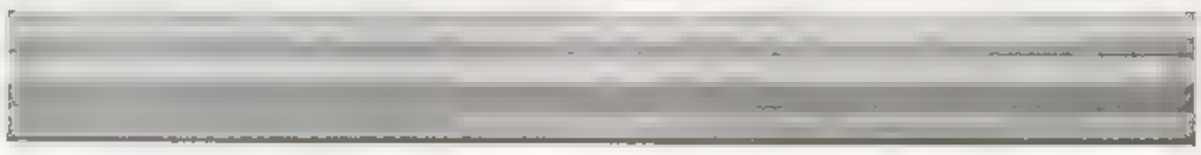
No. 1612. — Plain Frieze, 8ins. wide, also available **No. 1610**— with vertical flutings, 8ins. wide.

No. 1639. — Fluted Frieze, 9½in. wide (as illustrated). Also available:—

No. 1621. — Plain Frieze, 8in. wide.

No. 1645.—Embossed Frieze, 10in. wide (coin ground).

No. 1730.—Foot-mould



No. 1646.—Foot-mould.

The above are supplied in 6ft lengths in Galvanised Steel, Zinc or Copper.

VENTILATING FRIEZES AND SHEETINGS

No. 1720
Size, $1\frac{3}{16}$" x $\frac{1}{4}$"

No. 1721
Size, $1\frac{3}{8}$" x $1\frac{7}{8}$"

No. 1722
Size, $1\frac{1}{4}$" x $1\frac{1}{4}$"

No. 1723
Size, $1\frac{3}{4}$" x $\frac{1}{16}$"

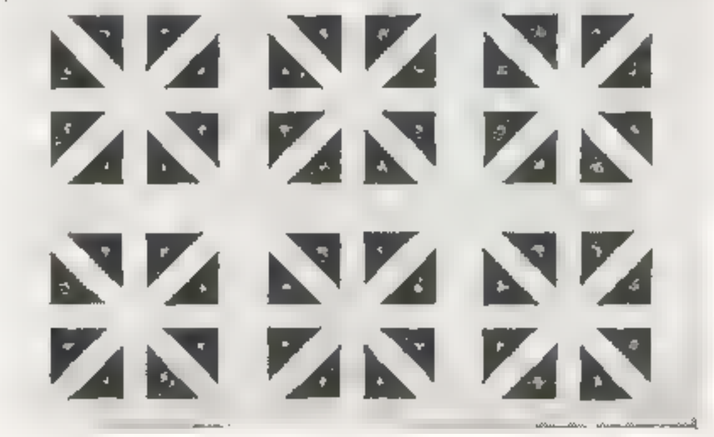
No. 1469
Size, $3\frac{1}{2}$" (over lugs).

No. 1581
Size, $3\frac{1}{4}$" x $3\frac{1}{4}$"

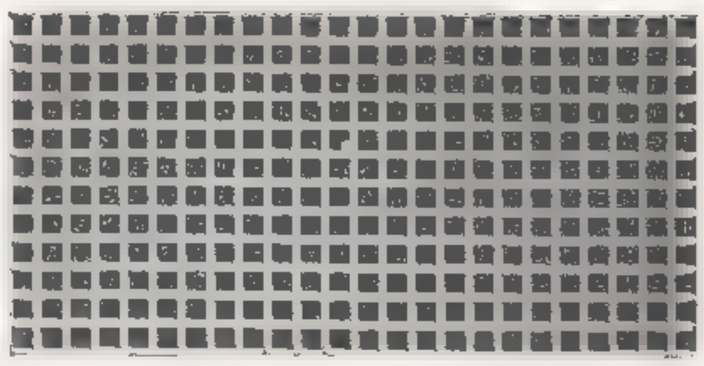
No. 1725
Size $1\frac{3}{4}$" x $\frac{1}{2}$"

No. 1726
Size 4" x $\frac{3}{4}$"

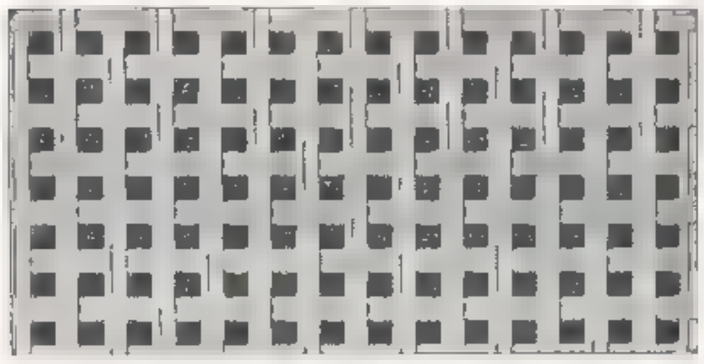
No. 1727
Size, $3\frac{1}{4}$" x $3\frac{1}{4}$"



Ventilating Friezes are supplied in suitable lengths in sheet brass, copper, bronze, nickel silver, monel metal, aluminium and steel either in natural colour or polished, or oxidised.
No. 1726 is available also in stainless steel



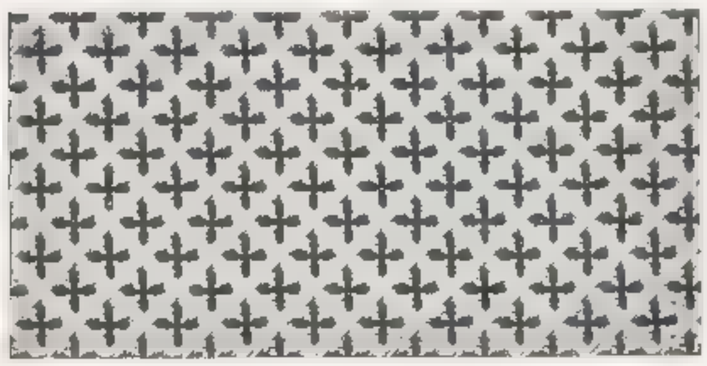
No. 1693.—Zinc and Monel Metal: Stock size, 3ft. x 2ft.



No. 1590.—Steel Stock size, 6ft x 2ft
No. 1590A.—Galv : Stock size, 6ft. x 2ft.
No. 1585.—Zinc: Stock size, 3ft. x 2ft

No. 1728.—Zinc Stock size, 6ft 10in x $18\frac{3}{4}$in

No. 1675.—Zinc: Stock size, 3ft x 2ft



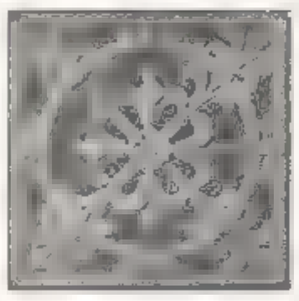
No. 1367.—Steel: Stock size, 6ft. x 2ft
No. 1367A.—Galvanised Steel: Stock size, 6ft x 2ft

Illustrations represent 2ft. x 1ft.

CENTREFLOWERS

No. 1463.
15½ n Da Zinc

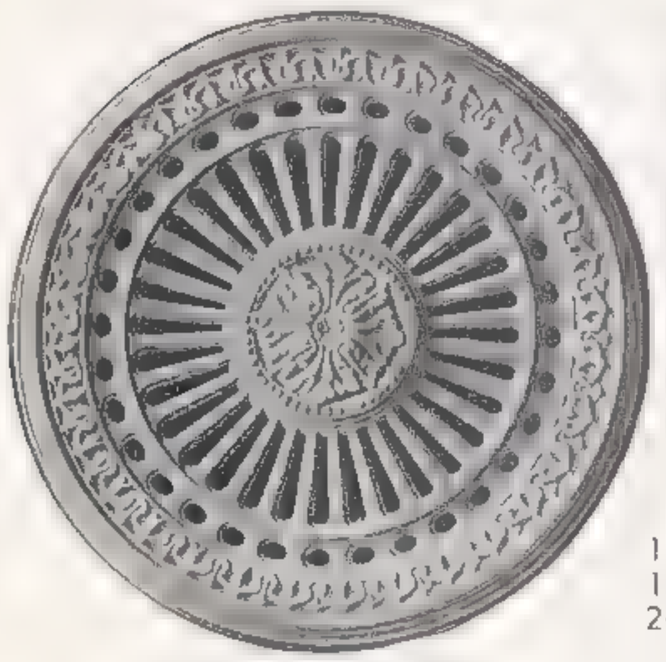
No. 50.
12¾ n Da Steel



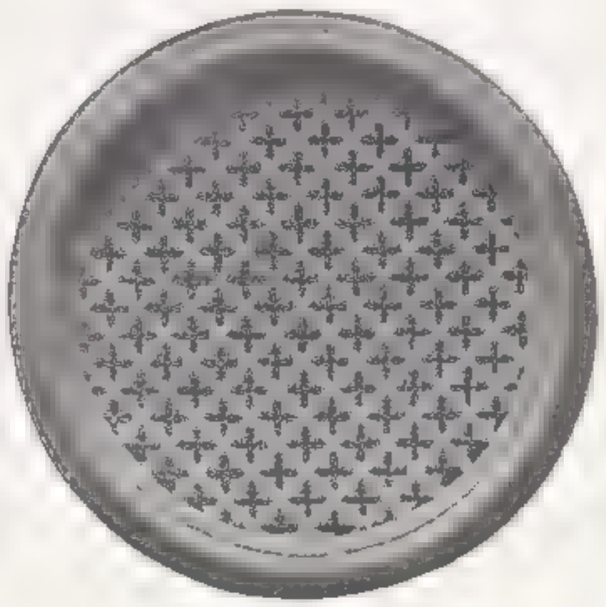
No. 60.
11¼in. x 11¼in. Zinc

No. 52.
14in. Dia. Zinc.

No. 55.
8in Dia Steel

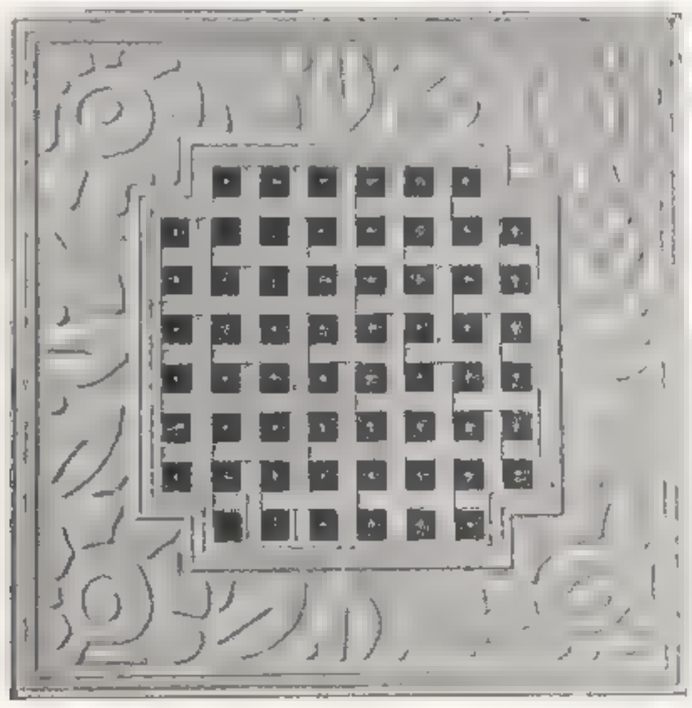


No. 82—23 n Dia Stee

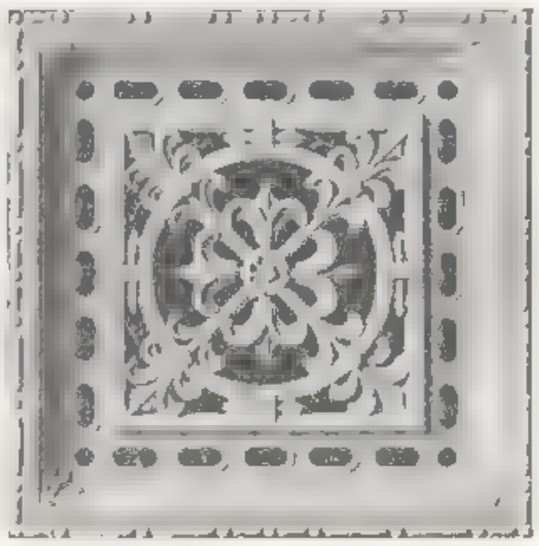


No. 89
12in. Diam.—Steel. 27in. Diam —Zinc.
18 n. Diam.—Steel. 30in. Diam —Zinc
24in. Diam. Steel . 33in. Diam —Zinc
36in. Diam. -Galv Steel

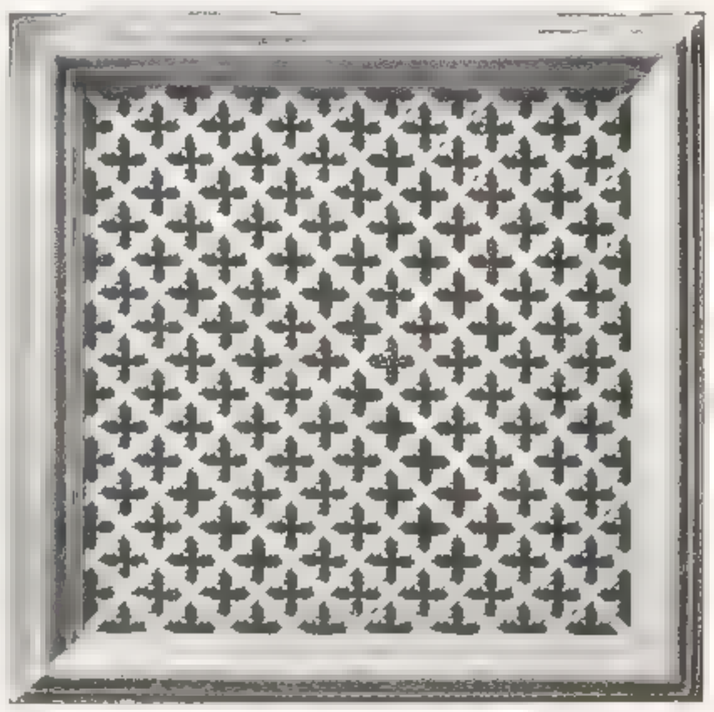
No. 1570—24 n Dia Zinc



No. 1626—2ft x 2ft Steel

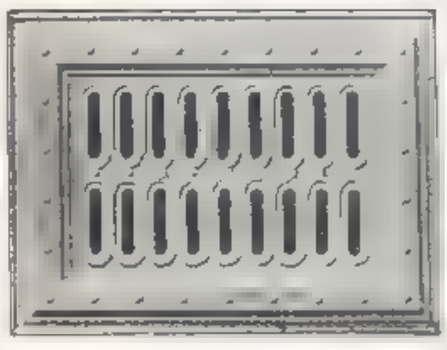


No. 1084—18in x 18in. Zinc



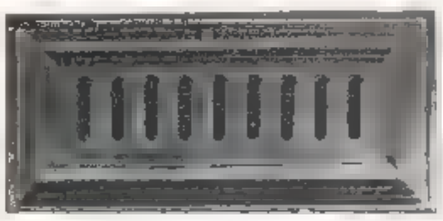
No. 88—Steel
Stock Sizes—12in. x 12in. 18in. x 18in 24in. x 24in

VENTILATORS – STAMPED AND CAST

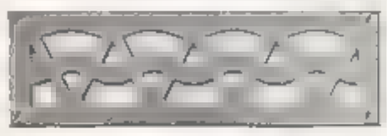


No. 1482—Open Vent.
Size: 9in. x 6in.
For internal walls.
Also available hit or miss with knob **No. 1480.**

No. 1752—Open Vent
Size: 9in. x 3in.



No. 966—Open Vent.
Size: 9in. x 3in.
For internal walls

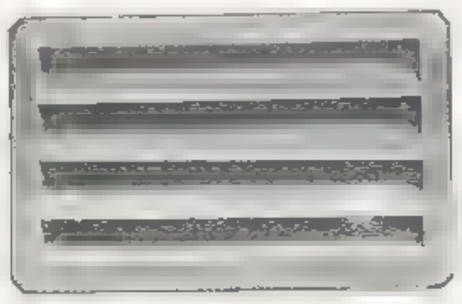


No. 1772—Cast.
Size overall:
10in x 3in
Size of opening
9in. x 2in.

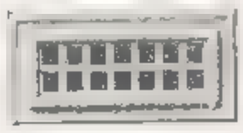
No. 1760—Cast.
Size overall:
9½in x 3⅜in
Size of opening
9in x 3in

No. 1731—Cast.
Size overall:
11in. x 4in.
9in. x 3in.

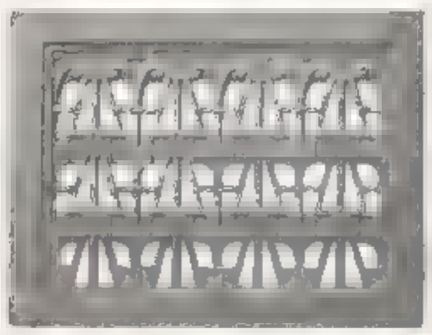
No. 1518—Open Vent.
Size: 9in. x 6in.
For internal walls.



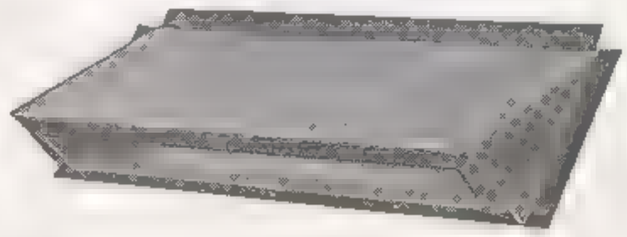
No. 142—Louvre.
Size: 9in. x 6in.
For external walls



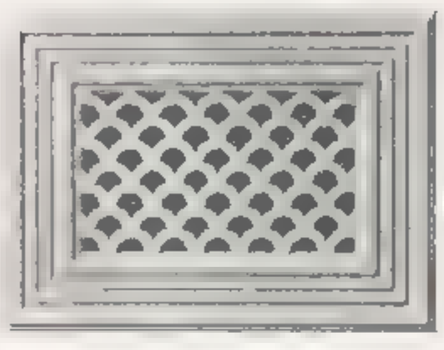
No. 1704—Stamped
Copper Open Ventilator
Size: 6in. x 3in. overall.



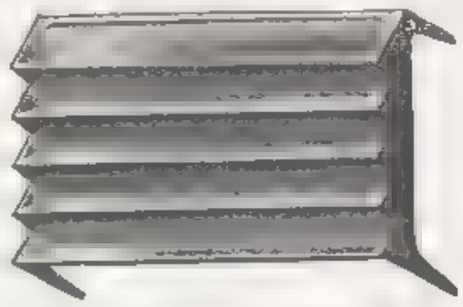
No. 1739—Cast.
Size overall,
10½in x 8⅛in
Size of opening,
9in. x 6in



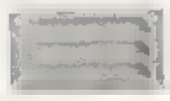
No. 1522—Galvanised Hood Vent,
fitted with fly wire.
Sizes: 12in. x 4½in. and 9in. x 6in.



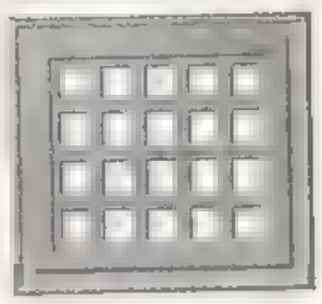
No. 1695 — Stamped
Zinc Open Ventilator.
Size: 9in. x 6in.
For internal walls.



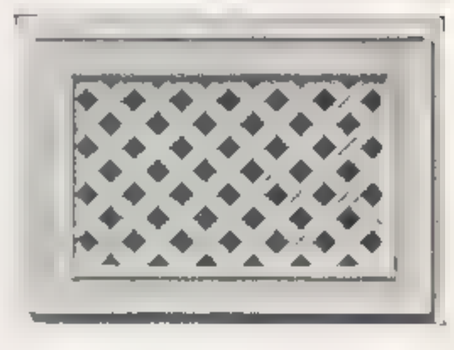
No. 121—Louvre. Cast
Size: 9in. x 6in.
For external walls.



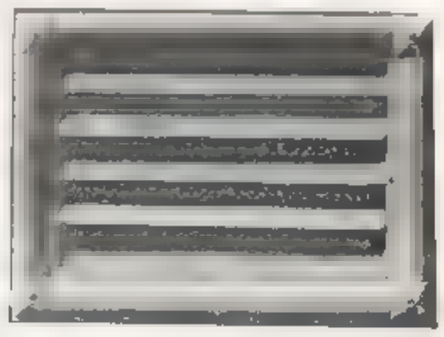
No. 1790 — Pressed
Louvre Ventilator.
Size 4in. x 2in. overall.
Steel, painted or ducoed;
also in Monel Metal.



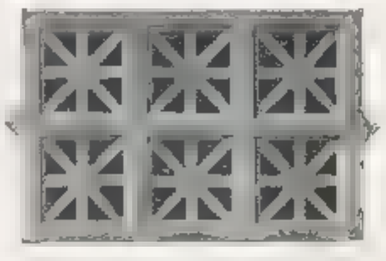
No. 1788—Stamped
Zinc or Brass Vent.
Size overall:
7¾in. x 7in.



No. 1699 — Stamped
Zinc Open Ventilator.
Size: 9in. x 6in.
For internal walls.

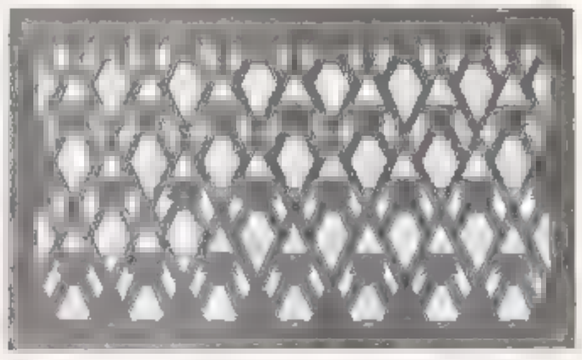


No. 965—Louvre. Cast.
Size: 9in. x 6in.
For external walls.



No. 1736—Cast.
Size overall
10⅜in x 7¾in
Size of opening,
9in. x 6in.

Also No. 1551—Cast
Size overall, 9⅜in. x 3½in
Size of opening,
9in. x 3in.



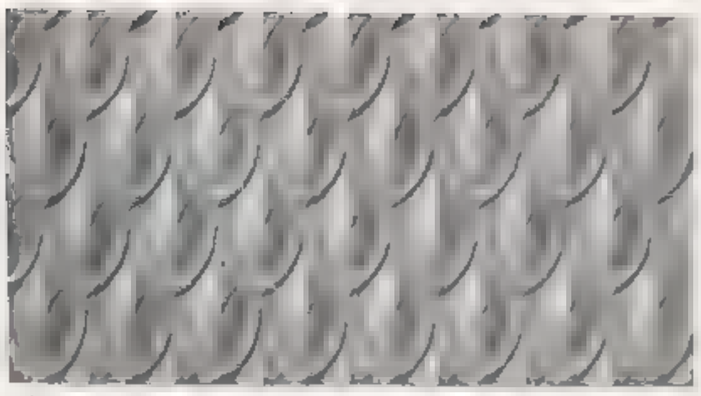
No. 1782—Cast Bronze.
Size: 15in. x 9in. overall.
Also made to order up to
3ft. 3in. x 1ft. 3in. overall.
(Patterns of similar designs available)

Nos. 1480, 1482, 1518 and 1752 are supplied ready for use in steel, painted white; 966, 1695, 1699 and 1788 in plain zinc; Nos. 142 and 1522 in plain galvanised steel; Nos. 121 and 965 in plain cast zinc; No. 1704 in plain copper, and No. 1788 also in oxidised Brass.

The following Ventilators are available in Cast Brass, Bronze, Nickel-Silver, Aluminium, etc., either satin finished, polished or oxidised, viz., 1551, 1731, 1736, 1739, 1760 and 1772.

Note:—The "Size of opening" refers to the dimensions of the wall opening

GALVANISED SHEETINGS



3⅜in **No. 189.**—Fish-scale Sheeting

2¼in **No. 190.**—Fish-scale Sheeting

All the Fish-scale Patterns shown are stamped in Sheets 6ft. x 3ft. Pattern **No. 189** is also available in 6ft x 2ft sheets

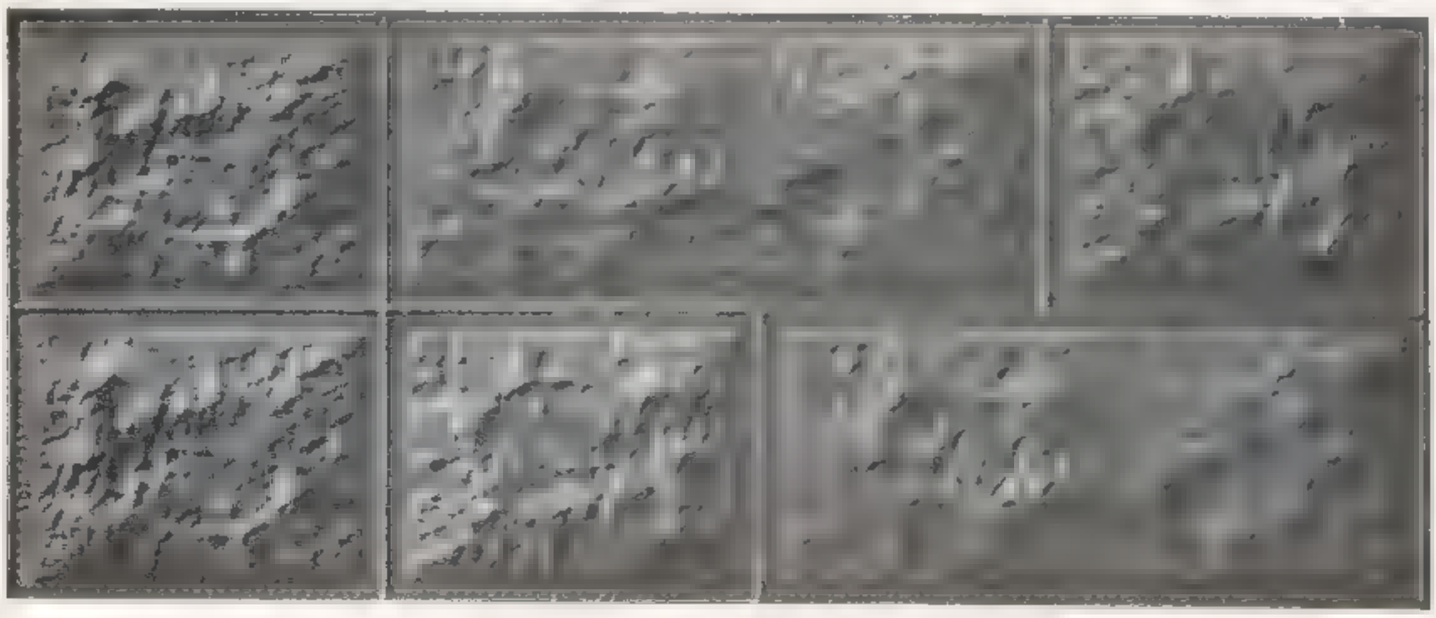
5⅞in
No. 751.—Fish-scale Sheeting

The covering capacity of each of the various 6ft. x 3ft. sheets is: —
190—5′ 10¼″ x 2′ 9½″
189—5′ 11″ x 2′ 10½″
751—5′ 10″ x 2′ 8½″

No. 1147.—Vermiculated Quoins. **No. 1046.**—Brick Sheeting

No. 1147.—Vermiculated Quoins, made in Galvanised Steel, and stocked in two sizes, viz., 1ft. 11¼in. x 10½in. high, and 11⅜in. x 10½in. high.

No. 1046.—Brick Sheeting, stamped in Galvanised Steel. Stock size of sheets 6ft. x 3ft. (covering capacity, 5ft. 8½in. x 2ft. 11in.).



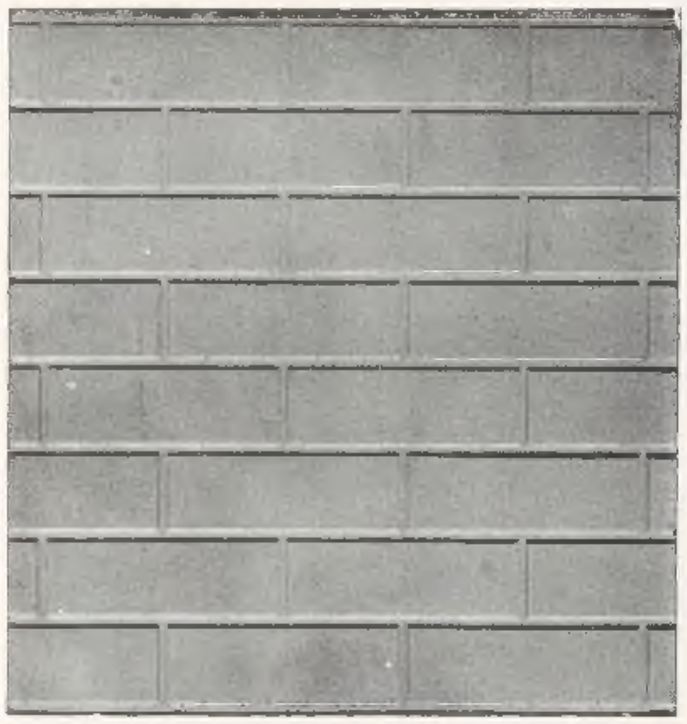
No. 990. — Pilaster Sheets in Galvanised Steel. **No. 989.**— Imitation Rock-face, in Galvanised Steel.

No. 989.—Supplied in various sizes, as under:—
5ft. 10in wide x 10½in. high
3ft. 10½in. wide x 10½in. high
1ft. 11½in. wide x 10½in. high
1ft 7½in. wide x 10½in. high
1ft 4in. wide x 10½in. high
1ft. 2in. wide x 10½in. high
1ft. 1in. wide x 10½in. high
11⅝in. wide x 10½in. high

No. 990.—Supplied in sheets 1ft. 1¼in. wide x 5ft. 3in. high (6 blocks to the sheet).

GALVANISED SHEETINGS

No. 1591*—Tile Pattern, sheets 6ft. x 2ft.*



No. 220.—Brick Pattern, sheets 6ft. x 2ft*.

No. 1046.—Brick Pattern, sheets, 6ft. x 3ft. Covering Capacity of sheets, 5ft. 8½in. x 2ft. 11in.

No. 1662—Tile Pattern, sheets 6ft. x 2ft.*

No. 1504.—Shingle Pattern, sheets 6ft. x 3ft. Covering capacity of sheets, 5ft. 10in. x 2ft. 9in.

No. 1045.—Roughcast Pattern, sheets 6ft. x 3ft. and 6ft x 2ft.
Covering capacity of 6ft. x 3ft. sheets, 5ft. 8½in. x 2ft. 11in.

Patterns **Nos. 1591, 1662** and **220** are used as linings for the interior walls of Bathrooms, Kitchens, Shops, etc. Internal and External Angle Strips, **Nos. 1369** and **1368,** should be used in conjunction with these sheetings.

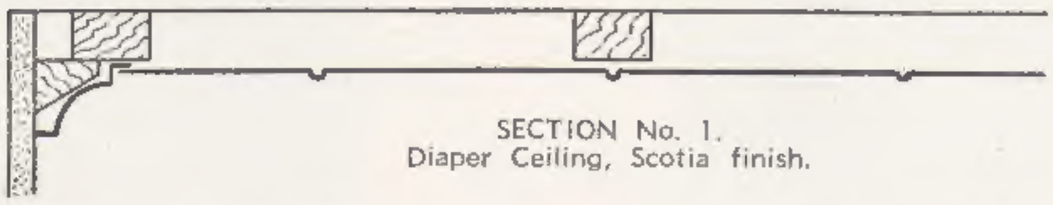
Nos. 1504, 1046 and **1045** are manufactured in heavy gauge Galvanised Steel, and are used for the exterior treatment to walls, roofs, etc. The above illustrations represent 2ft. x 2ft.

***Nos. 1591, 1662** and **220** are stocked also in Steel.

HOW TO FIX WUNDERLICH CEILINGS

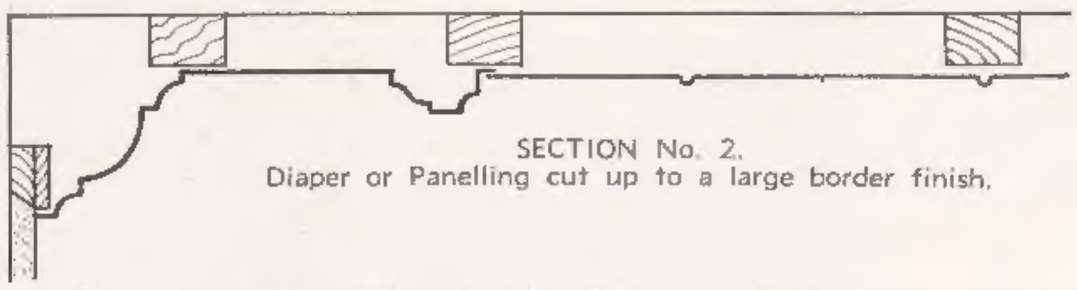
SECTIONS OF CEILING SHOWING METHODS OF FIXING

Wood Brackets at Joints.



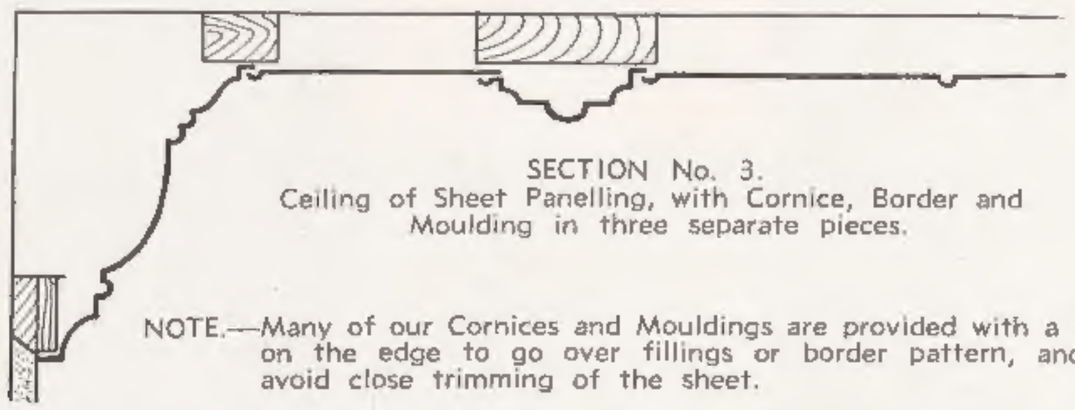
SECTION No. 1.
Diaper Ceiling, Scotia finish.

Having fixed battens, first fix scotia to the ceiling battens. Wood brackets are used at the joints of the scotia. On account of the depth of this scotia being less than 2in. no batten is necessary on the wall.



SECTION No. 2.
Diaper or Panelling cut up to a large border finish.

Being in one piece, the cornice border and moulding is easily fixed. As the border is of a standard width, the ceiling pattern must be cut up to the moulding.



SECTION No. 3.
Ceiling of Sheet Panelling, with Cornice, Border and Moulding in three separate pieces.

NOTE.—Many of our Cornices and Mouldings are provided with a bead on the edge to go over fillings or border pattern, and so avoid close trimming of the sheet.

MITRE LEAVES.

The use of separate border and moulding enables the pattern in the ceiling to work out with a full ornament. The border can be cut to make up irregularities in the size of the room.

GENERAL REMARKS.

Where Wunderlich Metal Ceiling Materials are used, light timbers only are required for ceiling joists.

For fixing, the tools required are: Hammer, Bradawl, Punch, Pair of Snips, and Saw.

Procedure.—In case of New Buildings having plaster walls, a bevelled ground should be fixed, to which is secured the batten for the bottom of cornice; and the walls floated before the Metal Material is fixed.

For old Brick Buildings plugs should be inserted and battens fixed thereto.

For the body of the ceilings mark on the ends of the outside joists the distance which the cornice will project from the walls. These marks denote the centre of the batten carrying the top of cornice and the ends of the ceiling sheets. Space out 1½in. x 1in. Oregon ceiling battens at 12in. centre to centre, starting from centre of the room, if it is desired that the ceiling pattern should be equal at the sides of the room.

With many of our smaller pattern diaper sheetings it is sufficient to start with a pattern from one side and end of the room, in which case the battens can be spaced 12in. centre to centre from the centre of the cornice batten. Cut in cross battens to take the ends of metal sheets. Also, on two sides of the room fix trimmers level with under side of joist, to which nail the cornice batten.

Fix wood brackets behind angles and cornice joints. A batten must be fixed under all joints.

METAL FIXING.

Cornice.—For mitring, allow one length of the Cornice to butt on to the wall, scribing the opposite length to it, covering the joint with a mitre leaf, using a little putty on the edge of the leaf before pressing it into the angle. Then nail to battens and brackets.

Sheeting.—All sheets are trimmed true, and always lap at the joint. When the Cornice is fixed, start fixing the sheets from the centre or side of the room, according to the spacing of the battens. To ensure a first-class job, temporarily tack the ceiling sheets in position, ascertaining if the lines are correct before completing the nailing. When all the sheets are nailed home, go over the joints with a small blunt tool, and tuck edges so that they lie close and even.

HOW TO FIX DADOS AND WALL LININGS

Dado and Wall Lining Materials are attached to battens fixed to plugs in the wall, or nailed to wood studs, but it is advisable that the lower three feet of the Metal Sheeting be attached to wood lining boards in lieu of battens. If the Ceilings are also to be of metal, they should be fixed first.

Obtain the height of dado, and strike a perfectly horizontal line for top of dado panels, allowing for height of wood skirting.

Now fix the battens for Metal Sheetings in a similar manner as for Ceilings, bearing in mind that it is essential to get an equal amount of the pattern on each side of the room. A batten should be placed under each joint, and one under the centre of the sheet.

When all battens are in position, fix dado moulding and angle strips. (See **Nos. 1368, 69, 70.**)

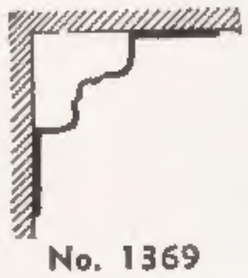
Dado Panels and Metal Sheeting should now be fixed. Place the lower bead of the wall sheet along the flange on the dado moulding, and cut the pattern up to the bottom flange of the Cornice. To make a good joint where the sheets are cut against the Cornice, an extra flange piece should be used under the Cornice joint where the sheets are cut against the Cornice.

This piece (**No. 1370**) should be fixed at the same time as the Cornice.

STEEL ANGLE STRIPS.

No. 1368

Steel External Angle Strip, used with our Steel Wall Linings. (Half Actual Size.)



No. 1369

Steel Internal Angle Strip, used in conjunction with our Steel Wall Linings. (Half Actual Size.)

No. 1370

Extra Flange, used at the intersection of Steel Cornice and Wall Lining. (Actual Size.)

Angle Strips Nos. **1368, 1369** and **1370,** are supplied in 6ft. lengths.

HOW TO PAINT WUNDERLICH CEILINGS

STEEL MATERIAL.

Wunderlich Steel Ceiling Material is supplied already primed on both surfaces with a film of oil paint. When fixed, the Ceilings should be given three coats of OIL PAINT, although two coats may be found sufficient in some instances.

Do not use distemper or water paints.

COAT No. 1.—This should consist of pure white lead or zinc white, brought to the required consistency with a mixture consisting of three parts of raw oil and one part of turps. A small quantity of goldsize should be added, for drying purposes.

COAT No. 2.—Similar to Coat No. 1, with the addition of a mixture of tints, as required. To obtain a flatted finish, which is recommended, use only a small quantity of oil (say three parts of turps, and one part of oil, added to the white lead).

COAT No. 3.—Should a third coat be used, it would be similar to Coat No. 2.

Where necessary for stopping joints, mitre leaves, bosses, etc., the best oil putty should be used.

If the final finish is to be white, it will be found that the intensity of the white can be maintained longer, by the addition of a small quantity of ultramarine blue in the various coats of paint.

GALVANISED OR ZINC MATERIAL.

Before painting or spraying Galvanised Iron or Zinc surfaces, it is essential that the greasy microscopic film of Palmitate of Zinc, left on the sheets during manufacture, is removed.
Removal can be effected by:—

(1) Allowing the metal to weather for a considerable period.

(2) Treating the surface of the metal with the following mixture:—

Chloride of Copper	**1lb.**	**Hydrochloric Acid**	**1lb.**
Nitrate of Copper	**1lb.**	**Ammonium Chloride**	**1lb.**
Water	**8lbs.**		

Apply with a brush and leave on for several hours, then wash down with clear water to remove excess chemicals and allow the surface to thoroughly dry.

Note.—As this etching mixture is somewhat corrosive, care must be taken when applying that it does not come in contact with the hands. It is essential also that every trace be removed from the sheets before painting.

WUNDERLICH METAL CEILINGS

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